DE 28 //

Approved for use through 09/30/2007. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE he Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 10/593,602 TRANSMITTAL Filing Date Sept. 21, 2006 DUA **FORM** First Named Inventor Hiroki YOKOYAMA for all correspondence after initial filing) Art Unit 2811 Examiner Name Attorney Docket Number 1217-062719 Total Number of Pages in This Submission

Total Number of Fage	sa in Triis Gubinission						
ENCLOSURES (Check all that apply)							
ENCLOSURES (Check all that apply)							
☐ Fee Transmittal Form		0 0			After Allowance communication to TC		
☐ Fee Attached		Literiang-related rapers			Appeal Communication to Board		
☐ Amendment/Reply			□ Petition		of Appeals and Interferences		
☐ After Final		☐ Petition to Convert to a Provisional Application			Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)		
☐ Affidavits/d	declaration(s)	1 Tovisional Application					
☐ Extension of	Time Request	Power of Attorney, Revocation Change of Correspondence Address		Proprietary Information			
	·				Status Letter		
☐ Express Aþa	andonment Request		☐ Terminal Disclaimer		Other Enclosure(s) (please		
☑ Information [☑ Information Disclosure Statement		Request for Refund		identify below)		
☐ Certified Copy of Priority Documents			CD, Number of CD(s)				
☐ Response to Missing Parts/ Incomplete Application		Re	☐ Landscape Table on CD marks				
☐ Reply to Missing Parts Under 37 CFR 1.52 or 1.53							
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT							
Firm Name The Webb Law Firm							
Signature Sunt & Br			lant-				
Printed Name Kent E. Baldauf			Y				
Date August 13, 2007				Re	g. No. 25,826		
CERTIFICATE OF TRANSMISSION/MAILING							

CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Signature Typed or printed name Diane Paull Date Aug. 13, 2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Appl. No. 10/593,602 IDS dated August 13, 2007 Attorney Docket No. 1217-062719

AUG 1 6 2007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Ból. No.

10/593,602

Confirmation No. 2582

Applicant

•

Hiroki YOKOYAMA

Filed

:

September 21, 2006

Title

Substrate For Device Bonding and Method for Manufacturing Same

Art Unit

2811

Examiner

Customer No.

28289

INFORMATION DISCLOSURE STATEMENT TRANSMITTED BEFORE MAILING OF FIRST OFFICE ACTION

MAIL STOP AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, Applicant hereby submits this Information Disclosure Statement together with a completed Form PTO/SB/08. Pursuant to 37 CFR §1.98, no copies of the United States patents are enclosed.

Reference Nos. JP 2002-373960, JP 11-192581 and JP 5-186884 are cited in the instant specification. Reference JP 11-192581 is equivalent to U.S. Patent No. 5,990,560 and both references are cited on attached Form PTO/SB/08.

This application is the United States national phase of PCT Application No. PCT/JP05/05364. The International Search Report dated 21 June, 2005, for the underlying PCT application identified the remaining references listed on Form PTO/SB/08. The degree of relevance for the non-English language references listed on Form PTO/SB/08 is indicated in the International Search Report. A copy of the International Search Report is enclosed for the Examiner's convenience.

Copies of all of the Japanese references are submitted with this Information Disclosure Statement along with an English-language Abstract thereof.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on August 13, 2007.

Diane Paull

(Name of Person Mailing Document)

O8/13/2007

Signature

Date

Appl. No. 10/593,602 IDS dated August 13, 2007 Attorney Docket No. 1217-062719

ì

No fee is believed to be due for the filing of this Information Disclosure Statement as it is being submitted before a first Office Action on the merits. Nevertheless, the Commissioner for Patents is hereby authorized to charge any additional fees which may be required to Deposit Account No. 23-0650.

This Information Disclosure Statement is submitted in duplicate.

Respectfully submitted,

THE WEBB LAW FIRM

Kent E. Baldauf

Registration No. 25,826

Attorney for Applicant 700 Koppers Building

436 Seventh Avenue

Pittsburgh, PA 15219

Telephone: 412-471-8815 Facsimile: 412-471-4094

Approved for use through 09/30/2007. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute form 1449A/PTO

PATENT

MFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1 Attorney Docket Number 1217-062719

Complete if Known					
Application Number	10/593,602				
Filing Date	09/21/2006				
First Named Inventor	Hiroki YOKOYAMA				
Art Unit	2811				
Examiner Name					
Attorney Docket Number	1217-062719				

U.S. PATENT DOCUMENTS							
Examiner No. ¹		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		Number - Kind Code ^{2 (if known)}					
		US- 5,990,560 B1	11-23-1999	Coult et al.			
		US- 7,015,583 B2	03-21-2006	Ishii et al.			
		US- 7,196,356 B2	03-27-2007	Ishii et al.			
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					

FOREIGN PATENT DOCUMENTS								
	Cite No.1	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)						T ⁶
		JP(2002) 2002	-373960	Α	12-26-2002	Tokuyama Corp.	English Abstract attached	
		JP(1999) 11-19	92581	Α	07-21-1999	Lucent Technologies	U.S. 5990560 equivalent	
		JP(1993) 5-186	6884	Α	07-27-1993	Mitsubishi Materials	English Abstract attached	
		JP(2002) 2002	-368020	Α	12-20-2002	Sumitomo Electric Ind	U.S. 7015583 equivalent	
		JP(2004) 2004	-072048	Α	03-04-2004	Sumitomo Electric Ind	U.S. 7196356 equivalent	
		JP(1986) 61-1	19051	Α	06-06-1986	Nippon Electric Co	English Abstract attached	
		JP(1985) 60-07	74539	Α	04-26-1985	Hitachi Ltd	English Abstract attached	!
		JP(2002) 2002	-124524	Α	04-26-2002	Kyocera Corp	English Abstract attached	
		JP(2003) 2003	-200289	Α	07-15-2003	Furukawa Electric Co	English Abstract attached	

Examiner			Date	
Signature			Considered	
	141 1 10 0	 		<u> </u>

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.